
Environment, Health, & Safety
Training Program

EHS 0243 ~ Soldering Awareness Training

Course Syllabus

Subject Category:	Industrial Hygiene	Course Prerequisite:	No
Course Length:	30 Minutes	Medical Approval:	No
Delivery Mode:	Class		
Schedule:	Contact Betsy MacGowan x2826 for training		
Location/Time:	Site Location		

Course Purpose: This course provides training in safe soldering work practices. It trains employees in the variety of soldering products and their potential health effects, and how to be alert to the possible presence of those effects even when exposure is below established limits and guidelines.

Course Objectives:

By the end of this course the learner will be able to:

- Describe typical hand soldering products and procedures.
- Describe potential exposure hazards and symptoms from products or by-products.
- Describe potential routes of exposure including airborne, skin contact, and hand to mouth routes.
- Describe work practices to maintain well-ventilated work areas.
- Identify the lead content of solder.
- Describe specific lead work practices for work with lead solder.
- Determine whether they are required to take EHS 0329, Lead Hazards Communication.
- Locate a web link to the LBL Lead Hazards Communication web-based training class.
- Evaluate information on lead-free solder.

Instructors: Betsy MacGowan x2826

Training Compliance Requirements: 29 CFR 1910.1200 Hazard Communication

Course Handouts:

- LBL Safe Soldering Work Practices informational sheet
- LBL Lead Management Program webpage

Participant Evaluation: Written evaluations regarding the effectiveness of the trainer, the training, and the visual aids.

Written Exam: No

Practical Exam: No

Retraining/Recertification: No

WEB Resource: EH&S Training Program web page @ <http://www.lbl.gov/ehs/training/courseList.shtml>